

## **1310.29 Server Based Computing (SBC) Standard**

Issued: October 5, 2001

**SUBJECT:** Server Based Computing (SBC) Standard

**APPLICATION:** Executive Branch Departments and Sub-units

**PURPOSE:** To standardize the software used by state operating units (OU) in the deployment of Server Based Computing systems

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**SUMMARY:** The objective of this standard is to provide a standard approach to support the functional requirements of a Server Based Computing model to address specific business needs of state operating units (OU).

### **GENERAL INFORMATION:**

A Server Based Computing model offers an alternative infrastructure to the Client Server model for delivering files, applications and transactions to client locations from a central server host. This model can provide cost saving benefits for some business situations by providing central management for software distribution, version control, reusable code and security features to local and remote locations.

A Server Based Computing system is one that contains the following functions and Features:

- Ability to support multiple OS and Hardware platforms at both the Client and Server level
- Ability to manage multiple Application Servers with load balancing and server to server communications
- Ability to support variable applications including custom as well as Commercial Off the Shelf (COTS)
- Ability to scale across different Application Server Platforms
- Supports a Browser-based user interface
- Ability to provide remote print delivery
- Supports multiple security levels including encryption and single sign-on
- Supports Remote management

The research effort of the SBC Standards Development Team has determined that at this time only one product, the Citrix MetaFrame software suite, provides the complete functionality requirements to meet current State of Michigan environment and architecture considerations, including interoperability, scalability, security and direction of the State enterprise.

Maintenance:

DMB: Acquisition Services shall not approve any acquisition or purchase request without confirmation from the Department of Information Technology, Bureau of Strategic Policy that such request is in compliance with the standard.

Operating Unit: Any and all projects, consulting requests, equipment and software acquisition requests, or ITB's relating to server based computing systems will be subject to review for compliance with this standard.

DIT: The Enterprise Standards Review Team (ESRT) will review this standard on a continuing basis and make recommendations to the State Chief Information Officer. An appropriate group of staff, representing a wide-range of State Operating Units, will review and possibly revise these standards and guidelines as often as needed.

Exceptions from this standard for reasons other than those outlined above will be made through the exception handling process described in the Exception Process Template.

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